BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Zone, Electrical Division

Office of the Executive Engineer
Electrical Division, Yelahanka Zone
Bruhath Bengaluru Mahanagara Palike

Schedule "B"

Modified Detailed Estime for Providing Electrical Poles and Street lights in Ward No-11 Kuvempunagara Vidyaranyapura Sub Division

Sl No	Qty	Description Of Work	Unit	Approved Rate	
				In Figures	In Words
1	136	Supplying High pressure sodium vapour street light luminaire 250wsuitable for use with high pressure sodium vapour lamp with integrated control gear and grey colr powder coated. The fitting shall be non corrosive pressure die cast aluminium housing with high purity anodized aluminium housing with EPDM Gaskets suitable for Outer Dia of pole 40 mm -60 mm. Cable entry through a cable gland with toggle clips. IP65 protection for both optical & electrical compartment. Bottom cover may be with poly carbonate/tempered/ toughened glass.Luminaire efficiency should be > 60 % and ambient temperature >35 deg C. High Intensity Discharge electro magnetic ballast with copper winding of Orthocyclic winding coil. Class H insulated dual coated copper wire. Complaince to IEC 61347-2-9 Safety & IEC 60923-Performance. Winding Temperature rise "Tw-130deg C & temperature sise T=70 deg C. Luminaire shall be suitable to operate on 230/250 V 50 Hz AC supply finish including wiring , Ignitor, condenser, SS Toggles for opening front hingeable glass 250 Wattsa) Group 'A'	Each	5950	Rupees Five Thousand Nine Hundred and Fifty Only
2	136	Supplying & fixing of 32 mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. Using 32mm dia G.I pipe	Each	493	RupeesFour Hundred and Ninty Three Only
3	13	Supplying and fixing of timer Operating Illuminance Levels I. For Switching ON : < 60 lux for >30 sec II. For Switching OFF : >10 lux for >30 sec Switching Endurance : Minimum 5,000 cycles. • Max. Device Power Insulation Resistance : Minimum 5 Meg Ohms • Operating Temperature Range : -10o C to +55oC (Ambient) • Operating Humidity Range : Upto 95% RH at 40oC Auto Voltage trip levels, Auto High Voltage Sense and Trip : Above 280 VAC, Auto High Voltage Sense and Reset : Below 265 VAC. Auto low voltage sense and trip : Below 150 VAC, Auto low voltage sense and reset : Above 165 VAC, Consumption : 1 Watt at 230 VAC(Approved Rates) Contactor details: supply and fixing of 4 pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and As per IS-13947 Rating: a) 100-125 amps	Each	15730	Rupees Fifteen Thousand Seven Hundred and Thirty Only
4	25	Supply and fixing of ..... cross arm including all Hardwares compete as per the standard technical specification. b) 2 Pin 45x45x5mm-510mm	Each	65.00	Rupees Sixty Five Only
	35	a) 4 Pin 45x45x5mm-1110mm	Each	152.00	Rupees One Hundred and Fifty Two Only

5	130	Supplying and Fixing..... including all Hardwares etc complete as per the Standard technical Specification. A) 1.1KV Pin Insulator	Each	32.00	Rupees Thirty Two Only
	50	d) No.8 Strain Insulator	Each	15.00	Rupees Fifteen Only
6	3100	Supplying and stringing of ACSR Conductor (6/2.59mm Al+1/2.59mm steel)	Mtr	15.00	Rupees Fifteen Only
7	60	Supplying and fixing ..... including all Hardwares etc complete as per the standard technical specification e) RCC Clamp	Each	35.00	Rupees Thirty Five Only
8	20	Supply and erection of .....mtr RCC pole including earth work etc., complete as per the standard technical specification.	Each	5500.10	Rupees FiveThousand Five Hundred and Ten Paise Only

I am prepared to take up the above work rates quoted in the Schedule 'B'

For GANGA ENTERPRISES

CONTRACTOR Proprietor

EXECUTIVE ENGINEER (Ele)
YELAHANKA ZONE, BBMP